RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/513,961
Source: PCT
Date Processed by STIC: 11-17-04

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RAW SEQUENCE LISTING DATE: 11/17/2004
PATENT APPLICATION: **US/10/513,961** TIME: 14:42:35

Input Set : **A:\231119.txt**
Output Set: **N:\CRF4\11172004\J513961.raw**

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      3 <110> APPLICANT: BOYD, Michael R.
      4       BOKESCH, Heidi R.
      5       O'KEEFE, Barry R.
      6       McKEE, Tawnya C.
      8 <120> TITLE OF INVENTION: SCYTOVIRINS AND RELATED CONJUGATES, FUSION PROTEINS, NUCLEIC
      9       ACIDS, VECTORS, HOST CELLS, COMPOSITIONS, ANTIBODIES, AND METHODS
     10       OF USING SCYTOVIRINS
     12 <130> FILE REFERENCE: 231119
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/513,961
C--> 14 <141> CURRENT FILING DATE: 2004-11-10
     14 <150> PRIOR APPLICATION NUMBER: PCT/US03/15991
     15 <151> PRIOR FILING DATE: 2003-05-15
     17 <150> PRIOR APPLICATION NUMBER: 60/381,322
     18 <151> PRIOR FILING DATE: 2002-05-16
     20 <160> NUMBER OF SEQ ID NOS: 7
     22 <170> SOFTWARE: PatentIn version 3.2
     24 <210> SEQ ID NO: 1
     25 <211> LENGTH: 95
     26 <212> TYPE: PRT
     27 <213> ORGANISM: Scytonema varium
     30 <220> FEATURE:
     31 <221> NAME/KEY: MISC_FEATURE
     32 <222> LOCATION: (7)..(55)
     33 <223> OTHER INFORMATION: Disulfide cross-link between Cys at position 7 and Cys at
     34       position 55
     36 <220> FEATURE:
     37 <221> NAME/KEY: MISC_FEATURE
     38 <222> LOCATION: (20)..(26)
     39 <223> OTHER INFORMATION: Disulfide cross-link between Cys at position 20 and Cys at
     40       position 26
     42 <220> FEATURE:
     43 <221> NAME/KEY: MISC_FEATURE
     44 <222> LOCATION: (32)..(38)
     45 <223> OTHER INFORMATION: Disulfide cross-link between Cys at position 32 and Cys at
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     48 <220> FEATURE:
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     50 <222> LOCATION: (68)..(74)
     51 <223> OTHER INFORMATION: Disulfide cross-link between Cys at position 68 and Cys at
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     54 <220> FEATURE:
     55 <221> NAME/KEY: MISC_FEATURE
     56 <222> LOCATION: (80)..(86)
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57 <223> OTHER INFORMATION: Disulfide cross-link between Cys at position 80 and Cys at
58       position 86
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62 Gly Ser Gly Pro Thr Tyr Cys Trp Asn Glu Ala Asn Asn Pro Gly Gly
63 1               5                   10                  15
66 Pro Asn Arg Cys Ser Asn Asn Lys Gln Cys Asp Gly Ala Arg Thr Cys
67             20                  25                  30
70 Ser Ser Ser Gly Phe Cys Gln Gly Thr Ser Arg Lys Pro Asp Pro Gly
71         35                  40                  45
74 Pro Lys Gly Pro Thr Tyr Cys Trp Asp Glu Ala Lys Asn Pro Gly Gly
75     50                  55                  60
78 Pro Asn Arg Cys Ser Asn Ser Lys Gln Cys Asp Gly Ala Arg Thr Cys
79 65                  70                  75                  80
82 Ser Ser Ser Gly Phe Cys Gln Gly Thr Ala Gly His Ala Ala Ala
83                 85                  90                  95
86 <210> SEQ ID NO: 2
87 <211> LENGTH: 107
88 <212> TYPE: PRT
89 <213> ORGANISM: Volvox carteri
91 <400> SEQUENCE: 2
93 Gln Lys Ser Ala Ser Tyr Tyr Trp Asn Glu Ala Thr Asn Pro Leu Gly
94 1               5                   10                  15
97 Pro Asn Arg Cys Asn Pro Ala Gly Arg Gly Cys Glu Cys Asp Gly Leu
98             20                  25                  30
101 Arg Thr Cys Ser Ser Tyr Gly Trp Cys Gln Gly Ile Ser Arg Pro Thr
102         35                  40                  45
105 Ser Pro Pro Pro Pro Ala Ala Cys Gln Gln Lys Ser Ala Ser Tyr Tyr
106     50                  55                  60
109 Trp Asn Glu Ala Lys Asn Pro Leu Gly Pro Asn Arg Cys Asn Pro Ala
110 65                  70                  75                  80
113 Gly Arg Gly Cys Glu Cys Asp Gly Leu Arg Thr Cys Ser Gln Tyr Gly
114                 85                  90                  95
117 Trp Cys Gln Gly Thr Ala Arg Thr Arg Arg Ala
118             100                 105
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122 <211> LENGTH: 42
123 <212> TYPE: PRT
124 <213> ORGANISM: Scytonema varium
126 <400> SEQUENCE: 3
128 Asn Arg Cys Ser Asn Asn Lys Gln Cys Asp Gly Ala Arg Thr Cys Ser
129 1               5                   10                  15
132 Ser Ser Gly Phe Cys Gln Gly Thr Ser Arg Lys Pro Asp Pro Gly Pro
133             20                  25                  30
136 Lys Gly Pro Thr Tyr Cys Trp Asp Glu Ala
137         35                  40
140 <210> SEQ ID NO: 4
141 <211> LENGTH: 43
142 <212> TYPE: PRT
143 <213> ORGANISM: Urtica dioica
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Gln Arg Cys Gly Ser Leu Gly Gly Gly Gly Thr Cys Pro Gly Leu Arg
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Cys Cys Ser Ile Trp Gly Trp Cys Gly Asp Ser Glu Pro Tyr Cys Gly
20 25 30
Pro Ser Cys Glu Thr Asn Cys Trp Asp Asp Glu
35 40
<210> SEQ ID NO: 5
<211> LENGTH: 44
<212> TYPE: PRT
<213> ORGANISM: Hevea brasiliensis
<400> SEQUENCE: 5
Glu Gln Cys Gly Arg Gln Ala Gly Gly Lys Leu Cys Pro Asn Asn Leu
1 5 10 15
Cys Cys Ser Gln Trp Gly Trp Cys Gly Ser Thr Asp Glu Tyr Cys Ser
20 25 30
Pro Asp His Asn Cys Gln Ser Asn Cys Lys Asp Ser
35 40
<210> SEQ ID NO: 6
<211> LENGTH: 29
<212> TYPE: PRT
<213> ORGANISM: Amaranthus caudatus
<400> SEQUENCE: 6
Gly Glu Cys Val Arg Gly Arg Cys Pro Ser Gly Met Cys Cys Ser Gln
1 5 10 15
Phe Gly Tyr Cys Gly Lys Gly Pro Lys Tyr Cys Gly Arg
20 25
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<211> LENGTH: 44
<212> TYPE: PRT
<213> ORGANISM: Triticum aestivum
<400> SEQUENCE: 7
Ile Lys Cys Gly Ser Gln Ala Gly Gly Lys Leu Cys Pro Asn Asn Leu
1 5 10 15
Cys Cys Ser Gln Trp Gly Phe Cys Gly Leu Gly Ser Glu Phe Cys Gly
20 25 30
Gly Gly Cys Gln Ser Gly Ala Cys Ser Thr Asp Lys
35 40

VERIFICATION SUMMARY DATE: 11/17/2004
PATENT APPLICATION: **US/10/513,961** TIME: 14:42:36

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date